L Number		Search Text		
	1 0	DE-04137706-A?.did.	DB USPAT;	Time stamp
			US-PGPUB;	2002/12/26 11:45
İ			EPO; JPO;	i
1	ľ		IBM TDB	
-	1	DE-4137706-A?.did.	USPAT;	2002/12/23 18:20
	1		US-PGPUB;	1
1	ŀ		EPO; JPO;	İ
1_	1176	and 101/6	IBM_TDB	
-	11/6	mm and 181/\$.ccls.	USPAT;	2002/12/23 18:22
			US-PGPUB;	
ļ			EPO; JPO; IBM TDB	
-	98	181/\$.ccls. and (proportion with (hole	USPAT;	2002/12/23 18:23
		ajd area))	US-PGPUB;	2002/12/23 18:23
			EPO; JPO;	
			IBM_TDB	
-	2		USPAT;	2002/12/23 18:26
ļ		adj area))	US-PGPUB;	Ì
	1		EPO; JPO;	
l _	470	microperforation microperforated	IBM_TDB	0000410405 40 00
[1		USPAT;	2002/12/26 12:32
			US-PGPUB; EPO; JPO;	- 11
			IBM TDB	
-	4	(microperforation microperforated) and	USPAT;	2002/12/23 18:33
1		181/\$.ccls.	US-PGPUB;	
			EPO; JPO;	
_		HAZOZAZON PV	IBM_TDB .	
_	1 0		USPAT	2002/12/23 18:33
	0	5700527.pn. and ratio	USPAT;	2002/12/23 18:34
			US-PGPUB;	
			EPO; JPO; IBM TDB	
_	0	5700527.pn. and proportion	USPAT;	2002/12/23 18:34
			US-PGPUB;	2002/12/23 10.34
			EPO; JPO;	
	1		IBM TDB	
_	0	5700527.pn. and factor	USPAT;	2002/12/23 18:34
			US-PGPUB;	
	1		EPO; JPO;	
_	0	5700527.pn. and fraction	IBM_TDB	0000400400
		orouser.ph. and fraction	USPAT; US-PGPUB;	2002/12/23 18:34
		•	EPO; JPO;	İ
			IBM TDB	
_	1	hole and 5700527.pn.	USPAT;	2002/12/23 18:35
			US-PGPUB;	
			EPO; JPO;	
_	1	5750944	IBM_TDB	
		5750944.pn.	USPAT;	2002/12/26 12:50
			US-PGPUB; EPO; JPO;	
]		IBM TDB	
-	1	5750944.pn. and (pore or micropore or	USPAT;	2002/12/26 11:48
		micorporous or perforat\$4 or	US-PGPUB;	
		microperforat\$4)	EPO; JPO;	
			IBM_TDB	
-	1	5700527.pn.	USPĀT;	2002/12/26 11:50
	1		US-PGPUB;	
			EPO; JPO;	
_	2	5700527.URPN.	IBM_TDB	2002/12/25 11 75
_		5700527.URPN. and (pore or micropore or	USPAT	2002/12/26 11:55
		micorporous or perforat\$4 or	USPAT	2002/12/26 11:56
]	microperforat\$4)	ļ	
-	15911	(microperforation microperforated	USPAT;	2002/12/26 12:35
		perforat\$4) and (noise or sound)	US-PGPUB;	12, 22, 23, 30
		• •	EPO; JPO;	
			IBM TDB	

				
-	1	5750944.pn. and (pore hole)	USPAT;	2002/12/26 12:51
1			US-PGPUB;	
			EPO; JPO;	l
	1 30		IBM_TDB	
1	38		USPAT;	2002/12/26 14:10
		(noise or sound)	US-PGPUB;	
			EPO; JPO;	
1_	,	"4797472" DN	IBM_TDB	
1		"4787473".PN.	USPĀT	2002/12/26 13:22
-	1	("5459291").pn.	USPAT;	2002/12/26 14:12
			US-PGPUB;	1
			EPO; JPO;	
i _	4	("4287962" "5298694" "3782495"	IBM_TDB	
	1	"5653836").pn.	USPAT;	2002/12/26 14:14
		300000 7.pm.	US-PGPUB; EPO; JPO;	
	1			1
-	2775	((microperforation microperforated	IBM_TDB USPAT;	2002/12/26 14:15
	1	perforat\$4) and (noise or sound)) and	USPAT; US-PGPUB;	2002/12/26 14:15
		(automobile or vehicle)	EPO; JPO;	
			IBM TDB	
-	524	(((microperforation microperforated	USPAT;	2002/12/26 14:31
Ī		perforat\$4) and (noise or sound)) and	US-PGPUB;	2002/12/20 14:31
		(automobile or vehicle)) and (noise or	EPO; JPO;	
		sound) with (attenuation or suppression or	IBM TDB	
	1	insulation)	122,-128	
-	524	((((microperforation microperforated	USPAT;	2002/12/26 14:17
	i	perforat\$4) and (noise or sound)) and	US-PGPUB;	2002/12/20 14.1/
1		(automobile or vehicle)) and (noise or	EPO; JPO;	
		sound) with (attenuation or suppression or	IBM TDB	
1		insulation)) and (perforat\$4 or		
		microperforat\$4)		
-	14	("4099590" "4966799" "5196253"	USPAT	2002/12/26 14:20
1		"5245141" "5266374" "5464952"		1 - 3 - 2 - 3 - 2 - 3 - 2 - 3 - 2 - 3 - 2 - 3 - 2 - 3 - 3
		"5483028" "5536556" "5554831"		
İ		"5681072" "5741390" "6024190"		
		"6102465" "6145617").PN.		
-	745		USPAT;	2002/12/26 14:33
		((noise or sound) with (attenuation or	US-PGPUB;	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
}		suppression or insulation))	EPO; JPO;	
	1		IBM TDB	
-	21		USPAT;	2002/12/26 14:42
		((noise or sound) with (attenuation or	US-PGPUB;	
		suppression or insulation))) and	EPO; JPO;	
		(perforat\$4 or microperforat\$4) and	IBM_TDB	
	-	((layer or panel) with sound)		
-	1	181/292.ccls. and (automobile or vehicle)	USPAT;	2002/12/26 14:44
i		and cut?out	US-PGPUB;	
]			EPO; JPO;	
Ì _	4.1	101/2021	IBM_TDB	
-	41	181/292.ccls. and (automobile or vehicle)	USPAT;	2002/12/26 14:48
			US-PGPUB;	
		•	EPO; JPO;	1
_	20	101/202	IBM_TDB	
1	28	181/292.ccls. and (molded)	USPAT;	2002/12/26 14:50
			US-PGPUB;	
	1		EPO; JPO;	
	102	191/202 0010 002 /	IBM_TDB	
	103	181/292.ccls. and (opening)	USPAT;	2002/12/26 14:52
			US-PGPUB;	
			EPO; JPO;	
_	261	181/292.ccls.	IBM_TDB	0000 (10 (01 1 : 55
	201	101/292.0018.	USPAT;	2002/12/26 14:53
	1		US-PGPUB;	
]		EPO; JPO;	
_	134	181/292.ccls. and (perforat\$4)	IBM_TDB	2002/12/25 12 25
	1,4	101/292.CCIS. and (periorat\$4)	USPAT;	2002/12/26 18:02
		s .	US-PGPUB;	
	[1	EPO; JPO;	
	<u> </u>		IBM_TDB	

Γ.	_	183	181/293.ccls.		
		103	101/293.0015.	USPAT;	2002/12/26 18:03
				US-PGPUB;	
				EPO; JPO;	1
L				IBM TDB	}

Search History 12/27/02 12:13:34 PM Page 3 C:\APPS\EAST\Workspaces\10049344.wsp